



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Issue: SC-CW003510
Released: August 23, 2010 , after 4 pm
Week Ending: August 22, 2010
Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Many agricultural producers welcomed the rain that fell across South Carolina this past week. Heavy showers hampered field work for some growers, but helped to further replenish soil moisture, refresh crops and improve pasture conditions. Several Upstate farmers continued to report problems with army worms and grasshoppers, but the rains have slowed the infestation activity in some locations. Soil moisture levels were reportedly 5% very short, 24% short, 59% adequate and 12% surplus. There was a statewide average of 5.8 days suitable for fieldwork in South Carolina.

FIELD CROPS

Nearly all **CORN** had matured by the end of the period. Thirty-one percent of corn had been harvested, remaining ahead of schedule for this time of the year. Corn conditions improved slightly and were reportedly 7% very poor, 24% poor, 39% fair, 28% good and 2% excellent. The **COTTON** crop had finished squaring by week's end. Eighty-six percent of the total crop had set bolls and 8% had opened bolls. Cotton conditions were 1% very poor, 11% poor, 29% fair, 50% good and 9% excellent. Nearly all **PEANUTS** had pegged. Peanut conditions were reported as 1% poor, 23% fair, 67% good and 9% excellent. Ninety-four percent of **SOYBEANS** had bloomed and 68% had set pods. The crop had just begun to turn color. Soybean conditions improved with the increased precipitation and were reportedly 1% very poor, 16% poor, 27% fair, 51% good and 5% excellent. Eighty percent of **TOBACCO** had been harvested and 30% of producers had destroyed stalks.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions were 1% very poor, 3% poor, 30% fair and 66% good. **PASTURE** conditions improved and were reportedly 3% very poor, 12% poor, 32% fair, 52% good and 1% excellent. The **WATERMELON** and **CANTALOUPE** harvest continued to approach completion for the year. Ninety-four percent of **PEACHES** had been harvested.

Crop Progress for Week Ending August 22, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	98	96	99	Peanuts, Pegged	99	100	100
Corn, Matured	97	90	89	Soybeans, Bloomed	94	91	92
Corn, Harvested	31	23	23	Soybeans, Pods Set	68	69	61
Cotton, Squared	100	100	100	Soybeans, Turned Color	1	0	3
Cotton, Bolls Set	86	87	88	Tobacco, Harvested	80	78	72
Cotton, Bolls Opened	8	4	6	Tobacco, Stalks Destroyed	30	37	21
Hay, Other Hay, Harvested	99	100	95	Watermelons, Harvested	99	99	97
Peaches, Harvested	94	94	86				

Condition for Week Ending August 22, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Corn	7	24	39	28	2	Pasture	3	12	32	52	1
Cotton	1	11	29	50	9	Peanuts	0	1	23	67	9
Livestock	1	3	30	66	0	Soybeans	1	16	27	51	5

South Carolina Weekly Weather Summary for the Week Ending August 22, 2010

There was no shortage of moisture in the atmosphere all week. On Monday, at 2:00 p.m., the Hilton Head Airport reported 82 degrees with 100 percent relative humidity. Afternoon and evening thunderstorms brought parts of the state drenching rains. Chappells received 2.43 inches of rain on Monday. Batesburg measured 1.90 inches on Tuesday. Lake Wateree and Johnston recorded Wednesday high temperatures of 97 degrees. Wednesday’s storms produced a rainfall amount of 1.91 inches at the McEntire ANG AP near Eastover. The skies over Chesterfield and Darlington counties opened up with excessive rains on Thursday. Hartsville measured 5.11 inches during a cloudburst that left saturated grounds and standing water. Hardeeville, located in southern Jasper County, reported 97 degrees on Friday and, just up the coast, Edisto beach received 4.00 inches of rain by Saturday morning. A southeastward moving front entered the state on Saturday with brief thunderstorms developing across the mountains and Foothills. Long Creek measured 2.19 inches of rain and nearby Keowee Dam received 1.51 inches. Most of the unsettled weather on Sunday was observed over the eastern half of South Carolina and along a nearly stationary boundary. The Bamberg and Columbia, Hamilton-Owens Airport thermometers indicated a Sunday maximum temperature of 96 degrees. Kingstree was soaked with 3.31 inches of rain. The state average temperature for the seven-day period was five degrees above normal.

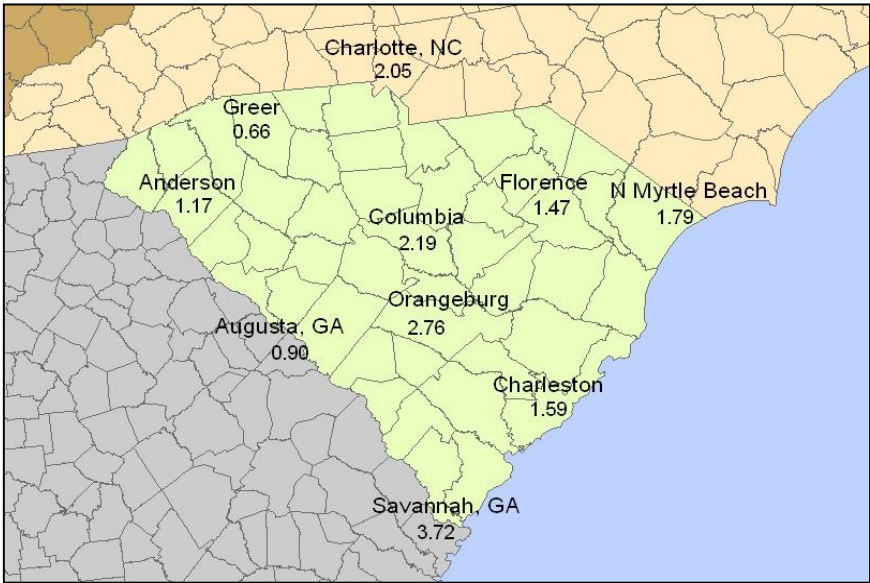
The highest official temperature reported was 98 degrees at Cades on August 18. The lowest official temperature reported was 65 degrees at Caesars Head on August 21. The heaviest official 24-hour rainfall reported was 5.25 inches at Chesterfield ending at 7:00 a.m. on August 20. The state average rainfall for the period was 1.8 inches.

SOIL: 4-inch depth soil temperature: Columbia 85 degrees, Charleston 86 degrees.
RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at the Johnny Mercer Pier, Wrightsville Beach, NC, were reported at 85 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.66	33.34	-0.2
Anderson	1.17	29.54	-1.1
Columbia	2.19	28.86	-4.8
Orangeburg	2.76	33.02	-0.7
Charlotte, NC	2.05	27.96	-0.4
Augusta, GA	0.90	23.46	-7.3
Florence	1.47	31.77	1.1
N Myrtle Beach	1.79	28.06	-0.8
Charleston	1.59	45.84	11.4
Savannah, GA	3.72	29.87	-4.3

Weekly rainfall totals this period ending midnight Sunday.



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